

Title: <b>Software Analyst I</b>	Effective Date: October 18, 2010	Grade: XI	Job Category: Technician
Prior Title: Software Analyst I	Prior Effective Date: August 24, 2007	Grade: XI	Page: 1 of 1

**CHARACTERISTICS OF WORK**

Under general supervision, this position is responsible for maintaining simpler computer systems and performing software maintenance duties, testing, appraising, and implementing computer software.

**EXAMPLES OF WORK**

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Maintain current knowledge of programming languages and support software in applicable functional area.
- Modify software to assure system compatibility, including the adding, deleting, or changing of instructions.
- Review software documentation and implement approved programs.
- Identify and correct errors in system software.
- Provide technical assistance in the use of utility programs and other software applicable to functional area.

**MINIMUM REQUIREMENTS**

The educational equivalent to a bachelor's degree from an accredited college or university in computer science plus a minimum of one year experience in system programming related to functional area, or two years experience in applications programming. Knowledge of applicable system utilities software and operational procedures including data base software. Ability to test and install software for systems generation, maintenance, and implementation. Ability to identify and resolve hardware and software malfunctions. Ability to take measurements and tune system performance.

*("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)*